MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

AUGUST, 1934

J. A. BROWN, DIRECTOR

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AUGUST 1934

METEOROLOGICAL REGISTER

Date	Barometer reduced to o°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	55.8	55.8	56.1	55.9	32.9	24.9	29.4	31.9	27.2	29.5
2	5.7	5.5	55.5	5.6	33.0	23.9	29.2	32.5	27.6	29.8
3	5.4	4.8	4.8	5.0	32.9	24.1	28.9	31.6	31.9	30.8
4	4.6	3.6	3.7	4.0	33.1	23.6	28.8	32.3	26.8	29.3
5	3.5	3.1	3.3	3.3	33.6	24.7	29.4	32.8	27.6	29.9
6	52.8	52.9	53.1	52.9	34.0	24.9	29.6	33.5	27.6	30.2
7	2.7	2.6	2.9	2.7	33.2	25.1	29.3	32.1	27.6	29.7
8	4.2	4.3	4.9	4.5	32.9	24.4	29.7	31.6	27.4	29.6
9	5.6	5.9	6.1	5.9	32.9	24.4	29.4	31.7	27.2	29.4
10	6.7	5.7	6.1	6.2	33.2	24.6	29.6	32.6	27.6	29.9
11	54.5	53.9	54.7	54.4	34.4	26.8	30.8	33.1	28.0	30.6
12	5.7	5.5	5.7	5.6	33.6	24.9	30.0	32.3	27.5	29.9
13	5.3	4.9	4.7	5.0	33.7	24.4	27.0	32.5	27.7	29.1
14	5.7	5.6	6.2	5.8	32.9	24.7	29.7	32.3	27.1	29.7
15	7.0	6.8	6.9	6.9	32.4	24.3	29.3	31.8	26.8	29.3
16	56.8	56.1	56.1	56.3	33.5	24.8	29.7	33.2	27.2	30.0
17	5.1	4.7	5.1	5.0	33.6	24.5	27.0	32.3	27.1	28.8
18	4.1	3.7	5.0	4.3	32.2	22.9	27.8	31.6	26.9	28.8
19	5.2	4.4	4.8	4.8	31.9	23.4	29.3	30.8	25.8	28.6
20	4.7	4.4	5.7	4.9	33.0	23.5	29.5	31.8	26.6	29.3
21	56.5	56.4	56.9	56.6	32.2	23.9	29.4	32.7	26.1	29.4
22	7.5	6.9	7.0	7.1	33.4	23.1	29.5	32.5	27.4	29.8
23	6.8	6.3	6.2	6.4	32.9	24.1	29.9	31.9	26.6	29.5
24	6.0	5.0	5.7	5.6	32.4	23.8	29.0	32.1	26.5	29.2
25	5.6	5.4	6.1	5.7	32.3	23.6	28.8	31.6	25.9	28.8
26	55.6	55.5	55.9	55.7	32.6	23.8	29.3	32.1	26.2	29.2
27	5.7	5.7	6.2	5.9	32.7	23.4	28.3	32.1	26.9	29.1
28	6.9	6.9	7.9	7.2	32.6	23.6	28.9	31.9	27.1	29.3
29	8.0	7.9	8.7	8.2	32.4	23.6	29.1	31.5	26.2	29.0
30	8.5	8.5	9.5	8.8	31.8	23.5	27.9	31.2	26.5	28.5
31	9.3	8.3	8.9	8.8	32.6	23.1	28.5	30.3	27.2	28.7
	755.72	755.40	755.82	755.64	32.96	24.13	29.10	32.07	27.15	29.44

Barometer, range for month 752.6 –759.5 mm.
,, 50-yr. average for month 756.173 mm.
Thermometer, Range for month 22.9°—34.4° C.
,, 50-yr. average for month 28.39° C.
Rain, total for month 0.305 m.m.
,, , 50-yr average for month 0.51 mm.
,, , total, Sept. 1st to end of month 610.87 mm.
,, , 50-yr. average, Sept. 1st to end of month 907.56 mm

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METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	25.4	26.5	25.3	20.7	21.0	22.1	21.3	67	59	83	70	12.0	
2	25.8	26.6	25.4	21.7	20.9	22.2	21.6	72	57	82	70	13.3	
3	25.2	25.6	23.3	20.5	19.3	15.2	18.3	69	55	42	55	13.5	
4	23.8	26.1	24.4	18.0	19.9	20.6	19.5	61	56	79	65	13.8	
5	26.1	27.0	25.5	21.6	21.4	22.4	21.8	68	58	83	70	13.7	
6	25.7	27.7	25.7	21.2	22.3	22.4	22.0	68	57	82	69	13.8	
7	25.0	25.9	24.8	19.9	19.7	20.9	20.2	65	56	77	66	13.5	
8	25.0	26.0	24.5	19.6	20.2	20.4	20.0	63	57	75	65	12.2	
9	25.4	26.1	24.8	20.7	20.2	21.2	20.7	67	58	80	68	12.3	
10	25.0	27.1	25.3	19.7	21.7	21.7	21.0	63	59	78	67	12.2	
11	25.9	27.9	26.3	20.7	23.3	23.7	22.6	62	62	85	70	12.0	
12	26.6	26.5	25.4	22.7	20.8	22.3	21.9	71	58	82	70	12.2	
13	25.4	26.3	24.8	20.4	20.2	20.7	20.4	65	55	75	65	12.1	
14	24.6	25.4	23.7	18.7	18.6	19.0	18.8	60	51	72	61	12.5	
15	23.8	24.8	23.9	17.7	17.7	19·7	18.4	59	51	75	62	12.4	
16	25.6	26.8	25.1	20.8	20.7	21.6	21.0	66	55	79	67	12.3	
17	24.8	25.6	20.8	19.2	18.5	14.0	17.2	61	50	52	54	12.0	
18	21.5	20.6	22.0	14.6	11.7	16.0	14.1	53	33	59	48	10.3	
19	23.8	22.9	21.5	17.6	15.2	15.8	16.2	57	45	64	55	11.6	0.305
20	22.7	24.1	22.6	15.8	16.6	17.3	16.6	52	47	66	55	12.2	
21	23.1	23.3	21.5	16.3	14.8	15.7	15.6	52	40	62	51	12.4	
22	21.7	24.1	21.0	14.1	16.1	14.1	14.8	46	44	51	47	12.5	
23	22.7	24.3	22.7	15.3	16.8	17.5	16.5	48	47	67	54	12.4	
24	24.3	23.2	23.2	18.7	14.9	18.4	17.3	63	41	71	58	12.1	
25	24.1	24.3	22.1	18.5	17.1	16.7	17.4	63	49	67	60	12.1	
26	23.8	24.2	23.3	16.6	16.5	19.0	17.4	49	46	75	57	12.1	
27	24.0	25.6	24.3	18.6	16.5	20.4	18.5	65	53	78	65	12.0	
28	24.1	25.4	24.0	18.4	18.9	19.6	19.0	62	53	74	63	11.9	
29	25.1	25.8	24.1	20.2	19.9	20.5	20.2	67	58	81	69	11.3	
30	23.8	24.5	23.0	18.5	17.6	18.1	18.1	66	52	70	63	12.0	
31	23.6	25.4	24.1	17.6	20.1	19.7	19.1	61	61	74	65	11.9	
	24.43	25.34	23.82	18.86	18.68	19.32	18.95	61.6	52.3	72.3	62.1	12.34	0.010

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10 ↓ 8:30	14:30	20:30	Mean	Direction and force of wind 0—10 ↓ 8:30	14:30	20:30	Wind per day Km.	Sea	Notes
1	1cuci	1cuci	0	0.7	2w	4sw	0	154.5	slight	
2	3ci	1cuci	0	1.3	3sw	3w	0	214.0	calm	
3	2ci	2cuci	0	1.3	1sw	4w	0	225.3	slight	
4	1ci	1cu	0	0.7	1sw	1w	0	117.5	calm	
5	1cuci	1cuci	0	0.7	1sw	4w	0	254.3	„	
6	0	1cu	0	0.3	8sw	6sw	4sw	468.3	„	
7	0	1cu	1cu	0.7	6sw	5w	1sw	651.7	mod.	
8	1cu	8stcu	1cu	3.3	1nw	5w	0	370.1	light	
9	3ci	1cu	0	1.3	1sw	4sw	0	151.3	slight	
10	1st	0	0	0.3	3nw	3w	1sw	172.2	„	
11	0	1st	1st	0.7	7sw	8sw	0	629.2	mod.	misty hor. @ 8:30
12	1ci	1st	0	0.7	3w	3w	0	181.8	light	
13	0	1cu	0	0.3	2sw	4w	1s	411.9	„	
14	1cu	2stcu	0	1.0	2sw	6sw	0	333.2	slight	
15	1cu	1cu	0	0.7	1sw	1sw	0	82.1	„	
16	1cu	1st	0	0.7	0	1w	0	168.9	„	
17	1ci	1stcu	1cu	1.0	7sw	1w	1s	592.2	rough	
18	6stcu	2stcu	1cuni	4.7	1sw	5w	3sw	510.2	„	
19	4cu	1stcu	0	1.7	1sw	1w	0	317.0	mod.	Traces of Rain
20	0	1stcu	0	0.3	1sw	2nw	0	233.3	slight	
21	0	1cu	0	0.3	1sw	1w	0	226.9	„	
22	0	0	0	0.0	0	1n	1e	128.7	light	
23	0	1cu	0	0.3	1sw	1w	0	86.9	calm	
24	0	0	0	0.0	1sw	0	0	181.8	„	
25	0	1cu	1cu	0.7	3w	4w	0	172.2	light	
26	1cu	0	1cu	0.7	1sw	2sw	1w	185.0	„	
27	2st	1cu	3ci	2.0	2w	2w	1sw	218.0	slight	
28	1stcu	1st	3stcu	1.7	1nw	4nw	0	278.4	light	
29	1ci	0	0	0.3	0	2w	0	156.1	slight	
30	1cu	1cu	1cu	1.0	1sw	3sw	0	238.2	light	
31	1st	1cu	9cu	3.7	1n	3s	0	180.2	„	
				1.07	2.1	3.0	0.5	267.47		

8 13 1

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	0	0	0	0	20	4	3	3
14:30	1	0	0	0	1	8	18	2	1
20:30	0	0	1	0	2	5	1	0	22
Totals	2	0	1	0	3	33	23	5	26

Number of days with rain 1, fog 0, thunderstorms 0, gale .0

50-yr. average number of days with rain during month 0.2